
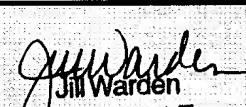
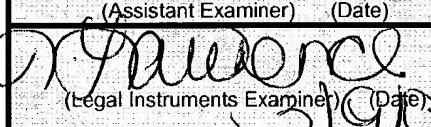


|                                                                                                                  |                 |                  |  |
|------------------------------------------------------------------------------------------------------------------|-----------------|------------------|--|
| <b>Issue Classification</b><br> | Application No. | Applicant(s)     |  |
|                                                                                                                  | 09/929,053      | TAKAHASHI ET AL. |  |
|                                                                                                                  | Examiner        | Art Unit         |  |
|                                                                                                                  | Brian J. Sines  | 1743             |  |

| ISSUE CLASSIFICATION                                                                                                            |          |       |  |                                                                                                                                                                                                |                                   |    |      |                             |                         |  |
|---------------------------------------------------------------------------------------------------------------------------------|----------|-------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|----|------|-----------------------------|-------------------------|--|
| ORIGINAL                                                                                                                        |          |       |  | CROSS REFERENCE(S)                                                                                                                                                                             |                                   |    |      |                             |                         |  |
| CLASS                                                                                                                           | SUBCLASS |       |  | CLASS                                                                                                                                                                                          | SUBCLASS (ONE SUBCLASS PER BLOCK) |    |      |                             |                         |  |
| 422                                                                                                                             | 65       |       |  | 422                                                                                                                                                                                            | 63                                | 67 | 68.1 | 72                          |                         |  |
| INTERNATIONAL CLASSIFICATION                                                                                                    |          |       |  | 436                                                                                                                                                                                            | 43                                | 45 | 47   | 48                          | 49                      |  |
| B 3 2                                                                                                                           | B        | 27104 |  |                                                                                                                                                                                                |                                   |    |      |                             |                         |  |
| B 3 2                                                                                                                           | B        | 27112 |  |                                                                                                                                                                                                |                                   |    |      |                             |                         |  |
| B 3 2                                                                                                                           | B        | 5102  |  |                                                                                                                                                                                                |                                   |    |      |                             |                         |  |
| G 0 1 N                                                                                                                         |          | 15106 |  |                                                                                                                                                                                                |                                   |    |      |                             |                         |  |
| G 0 1 N                                                                                                                         |          | 33100 |  |                                                                                                                                                                                                |                                   |    |      |                             |                         |  |
| Brian Sines 3/5/2004<br>(Assistant Examiner) (Date)                                                                             |          |       |  | <br>Jill Warden<br>Supervisory Patent Examiner<br>Technology Center 1700<br>(Primary Examiner) (Date) 3/8/04 |                                   |    |      | Total Claims Allowed: 4     |                         |  |
| <br>(Legal Instruments Examiner) (Date) 3/9/04 |          |       |  |                                                                                                                                                                                                |                                   |    |      | O.G.<br>Print Claim(s)<br>1 | O.G.<br>Print Fig.<br>5 |  |

| <input checked="" type="checkbox"/> Claims renumbered in the same order as presented by applicant |          |       |          |       |          |       |          |       |          | <input type="checkbox"/> CPA |          | <input checked="" type="checkbox"/> T.D. |          | <input type="checkbox"/> R.1.47 |          |
|---------------------------------------------------------------------------------------------------|----------|-------|----------|-------|----------|-------|----------|-------|----------|------------------------------|----------|------------------------------------------|----------|---------------------------------|----------|
| Final                                                                                             | Original | Final | Original | Final | Original | Final | Original | Final | Original | Final                        | Original | Final                                    | Original | Final                           | Original |
| 1                                                                                                 | 1        |       | 31       |       | 61       |       | 91       |       | 121      |                              | 151      |                                          | 181      |                                 |          |
| 2                                                                                                 | 2        |       | 32       |       | 62       |       | 92       |       | 122      |                              | 152      |                                          | 182      |                                 |          |
|                                                                                                   | 3        |       | 33       |       | 63       |       | 93       |       | 123      |                              | 153      |                                          | 183      |                                 |          |
| 3                                                                                                 | 4        |       | 34       |       | 64       |       | 94       |       | 124      |                              | 154      |                                          | 184      |                                 |          |
| 4                                                                                                 | 5        |       | 35       |       | 65       |       | 95       |       | 125      |                              | 155      |                                          | 185      |                                 |          |
|                                                                                                   | 6        |       | 36       |       | 66       |       | 96       |       | 126      |                              | 156      |                                          | 186      |                                 |          |
|                                                                                                   | 7        |       | 37       |       | 67       |       | 97       |       | 127      |                              | 157      |                                          | 187      |                                 |          |
|                                                                                                   | 8        |       | 38       |       | 68       |       | 98       |       | 128      |                              | 158      |                                          | 188      |                                 |          |
|                                                                                                   | 9        |       | 39       |       | 69       |       | 99       |       | 129      |                              | 159      |                                          | 189      |                                 |          |
|                                                                                                   | 10       |       | 40       |       | 70       |       | 100      |       | 130      |                              | 160      |                                          | 190      |                                 |          |
|                                                                                                   | 11       |       | 41       |       | 71       |       | 101      |       | 131      |                              | 161      |                                          | 191      |                                 |          |
|                                                                                                   | 12       |       | 42       |       | 72       |       | 102      |       | 132      |                              | 162      |                                          | 192      |                                 |          |
|                                                                                                   | 13       |       | 43       |       | 73       |       | 103      |       | 133      |                              | 163      |                                          | 193      |                                 |          |
|                                                                                                   | 14       |       | 44       |       | 74       |       | 104      |       | 134      |                              | 164      |                                          | 194      |                                 |          |
|                                                                                                   | 15       |       | 45       |       | 75       |       | 105      |       | 135      |                              | 165      |                                          | 195      |                                 |          |
|                                                                                                   | 16       |       | 46       |       | 76       |       | 106      |       | 136      |                              | 166      |                                          | 196      |                                 |          |
|                                                                                                   | 17       |       | 47       |       | 77       |       | 107      |       | 137      |                              | 167      |                                          | 197      |                                 |          |
|                                                                                                   | 18       |       | 48       |       | 78       |       | 108      |       | 138      |                              | 168      |                                          | 198      |                                 |          |
|                                                                                                   | 19       |       | 49       |       | 79       |       | 109      |       | 139      |                              | 169      |                                          | 199      |                                 |          |
|                                                                                                   | 20       |       | 50       |       | 80       |       | 110      |       | 140      |                              | 170      |                                          | 200      |                                 |          |
|                                                                                                   | 21       |       | 51       |       | 81       |       | 111      |       | 141      |                              | 171      |                                          | 201      |                                 |          |
|                                                                                                   | 22       |       | 52       |       | 82       |       | 112      |       | 142      |                              | 172      |                                          | 202      |                                 |          |
|                                                                                                   | 23       |       | 53       |       | 83       |       | 113      |       | 143      |                              | 173      |                                          | 203      |                                 |          |
|                                                                                                   | 24       |       | 54       |       | 84       |       | 114      |       | 144      |                              | 174      |                                          | 204      |                                 |          |
|                                                                                                   | 25       |       | 55       |       | 85       |       | 115      |       | 145      |                              | 175      |                                          | 205      |                                 |          |
|                                                                                                   | 26       |       | 56       |       | 86       |       | 116      |       | 146      |                              | 176      |                                          | 206      |                                 |          |
|                                                                                                   | 27       |       | 57       |       | 87       |       | 117      |       | 147      |                              | 177      |                                          | 207      |                                 |          |
|                                                                                                   | 28       |       | 58       |       | 88       |       | 118      |       | 148      |                              | 178      |                                          | 208      |                                 |          |
|                                                                                                   | 29       |       | 59       |       | 89       |       | 119      |       | 149      |                              | 179      |                                          | 209      |                                 |          |
|                                                                                                   | 30       |       | 60       |       | 90       |       | 120      |       | 150      |                              | 180      |                                          | 210      |                                 |          |